

Title (en)  
NETWORK RESOURCE LEASING

Title (de)  
VERWALTUNG VON NETZWERKRESSOURCEN

Title (fr)  
LOCATION DE RESSOURCES DE RÉSEAU

Publication  
**EP 2553897 A1 20130206 (EN)**

Application  
**EP 11712119 A 20110322**

Priority  
• US 73247210 A 20100326  
• US 2011029442 W 20110322

Abstract (en)  
[origin: US2011235592A1] Techniques for allowing network terminals to lease resources from one another. In an exemplary embodiment, an owner terminal determines the availability of resources (locally available or remotely accessible) to share with other terminals. The owner terminal establishes service and price level terms for sharing its resource, and advertises those terms to other terminals. A user terminal determines its own resource requirements, and searches a network for one or more owner terminals offering the desired resource. An owner terminal and a user terminal negotiate on the terms for use of an identified resource, and the owner terminal leases the resource to the user terminal. Applications include a virtual data center for leasing file storage space, network traffic bandwidth leasing to devices such as mobile phones, ad hoc distributed computing architectures, and third-party operating system (OS) support schemes.

IPC 8 full level  
**H04L 29/06** (2006.01); **H04L 29/08** (2006.01)

CPC (source: CN EP US)  
**H04L 67/01** (2022.05 - US); **H04L 67/56** (2022.05 - CN EP US); **H04L 69/24** (2013.01 - CN EP US)

Citation (search report)  
See references of WO 2011119615A1

Citation (examination)  
• EP 1215853 A2 20020619 - AGILENT TECHNOLOGIES INC [US]  
• EP 1536612 A1 20050601 - SAMSUNG ELECTRONICS CO LTD [KR]  
• US 2009119673 A1 20090507 - BUBBA HEAD [US]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2011235592 A1 20110929**; CN 102823221 A 20121212; CN 107124392 A 20170901; EP 2553897 A1 20130206;  
JP 2013527951 A 20130704; JP 2015053686 A 20150319; JP 6162090 B2 20170712; WO 2011119615 A1 20110929

DOCDB simple family (application)  
**US 73247210 A 20100326**; CN 201180016177 A 20110322; CN 201710052955 A 20110322; EP 11712119 A 20110322;  
JP 2013502645 A 20110322; JP 2014205037 A 20141003; US 2011029442 W 20110322